## Comparative Statement

BBMP/2019-20/OW/WORK_INDENT39172

Development of Dobbighat in Ward No.01

| SNo | Item Name | Unit | Estimate Quantity | Estimate Rate | Total Amount | H V ONKARAPPA | | E MALAPPA | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Quoted Rate | Total Amount | Quoted Rate | Total Amount |
| 1 | KSRB 2-1 : Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 KSRB 2-1.1: – do – Ordinary soil (Pg no. 45 I.No 7.37) | Cum | 193.50 | 268.92 | 52036.02 | 262.34 | 54632.79 | 286.40 | 55418.40 |
| 2 | KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. KSRB 2-2.1: – do – in ordinary soil. No. KBS 2.1(a) / 2.3.5 P.No.06 It No.2.1 | Cum | 70.20 | 405.52 | 28467.50 | 425.76 | 29888.35 | 431.55 | 30317.98 |
| 3 | KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 P.No.13 It No.4.3 | Cum | 54.72 | 5510.16 | 301515.96 | 5785.12 | 316561.77 | 5868.32 | 321114.47 |
| 4 | KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 P.No.13 It No.4.5 | Cum | 35.82 | 5754.24 | 206116.88 | 6041.38 | 216432.23 | 6128.27 | 219544.63 |
| 5 | KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications Specification No. KBS 4.1, 4.6 P.No.14 It No.4.12 | Cum | 33.44 | 6528.60 | 146501.78 | 6854.38 | 153813.29 | 6953.96 | 156054.42 |
| 6 | KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 P.No.15 It No.4.28 | Cum | 34.56 | 278.64 | 9629.60 | 292.84 | 10119.18 | 296.78 | 10255.99 |

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|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Quoted Rate | Total Amount | Quoted Rate | Total Amount |
| 7 | KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 P.No.16 It No.4.32. | Cum | 590.40 | 492.48 | 290760.19 | 517.05 | 305266.32 | 524.49 | 309658.90 |
| 8 | KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 P.No.17 It No.4.34 | Cum | 28.01 | 315.36 | 8833.23 | 331.10 | 9274.11 | 335.86 | 9407.44 |
| 9 | KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 P.No.15 It No.4.19 | Sqm | 11.52 | 475.20 | 5474.30 | 498.91 | 5747.44 | 506.09 | 5830.16 |
| 10 | KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for chajja, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 P.No.17 It No.4.37 | Sqm | 11.52 | 323.00 | 3720.96 | 339.12 | 3906.66 | 344.00 | 3962.88 |
| 11 | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 - do - TMT bars Fe 500 P.No.18 It No.4.46 | MT | 6.44 | 76643.28 | 493582.72 | 80467.78 | 518212.50 | 81625.09 | 525665.58 |
| 12 | KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 KSRB 5.2-3 : - do - cement mortar 1:6 KBS 5.1.13 P.No.25 It No.5.6 | Cum | 54.94 | 4963.68 | 272704.58 | 5211.37 | 286312.67 | 5286.32 | 290430.42 |
| 13 | KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 P.No.25 It No.5.9 | Cum | 22.68 | 5921.64 | 134302.80 | 6217.13 | 141004.51 | 6306.55 | 143032.55 |
| 14 | KSRB 5-14. Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x200x200mm P.No.27 It No.5.26.1 | Sqm | 409.03 | 1038.96 | 424965.81 | 1090.80 | 446169.92 | 1106.49 | 452587.60 |

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|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Quoted Rate | Total Amount | Quoted Rate | Total Amount |
| 15 | KSRB15-3 : Providing 15mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-3.4 : – do – cement mortar 1:3 P.No.115 It No.15.12 | Sqm | 588.79 | 252.72 | 148799.01 | 265.33 | 156223.65 | 269.15 | 158472.83 |
| 16 | KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-3.7 : – do – cement mortar 1:3 P.No.116 It No.15.15 | Sqm | 141.45 | 298.08 | 42163.42 | 312.95 | 44266.78 | 317.46 | 44904.72 |
| 17 | KSRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM complete as per specifications. Shutter size 3mx2.8 m Specification No. KBS 7.10 / 7.12 P.No.33 It No.7.5 | Sqm | 12.00 | 2815.56 | 33786.72 | 2956.06 | 35472.72 | 2998.57 | 35982.84 |
| 18 | KSRB 7.6 : Providing and fixing top covers made out of 20 guage M.S. sheet over pull and push rolling shutters bent to shape including cost of red lead primer coat of painting , materials, labour, HOM complete as per specifications. Specification No. KBS 7.10.6 / 7.12 P.No.34 It No.7.6 | Rmt | 6.00 | 520.56 | 3123.36 | 546.54 | 3279.24 | 554.40 | 3326.40 |
| 19 | KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12 P.No.34 It No.7.9 | Kg | 172.80 | 102.60 | 17729.28 | 107.72 | 18614.02 | 109.27 | 18881.86 |
| 20 | KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS | Sqm | 11.52 | 4725.00 | 54432.00 | 4960.78 | 57148.19 | 5032.13 | 57970.14 |

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| | | | | | | Quoted Rate | Total Amount | Quoted Rate | Total Amount |
| 21 | KSRB 14.7-2 : Providing and laying red oxide flooring 40 mm thick, with an under layer of 30mm thick M-15 cement concrete, using broken granite metal of 12.5mm nominal size and top layer of 10mm thick plaster with 1:3 cement mortar mixed with red oxide ( using 3.5 kg of red oxide per 50 kg of cement ) finished with floating coat of neat cement mixed with red oxide (mix of same proportion), including cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.3 P.No.104 It No.14.9 | Sqm | 136.19 | 718.20 | 97811.66 | 754.04 | 102692.71 | 764.88 | 104169.01 |
| 22 | Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification. (Pg no. 45 I.No 7.37) | Sqm | 9.60 | 3252.96 | 31228.42 | 3415.28 | 32786.69 | 3464.40 | 33258.24 |
| 23 | Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses (Pg no. 299 I.No 38.30) P.No.299 It No.38.30 | Sqm | 519.20 | 743.04 | 385786.37 | 780.12 | 405038.30 | 791.34 | 410863.73 |
| 24 | Fabricating, supplying & erecting M.S. Angular Truss for all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification (Pg no. 43 I.No 7.30) P.No.43 It No.7.30 | Kgs | 2596.00 | 138.24 | 358871.04 | 145.14 | 376783.44 | 147.23 | 382209.08 |
| 25 | KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. P.No.119 It No.15.49 | Sqm | 588.79 | 118.80 | 69948.25 | 124.73 | 73439.78 | 126.52 | 74493.71 |

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| | | Unit | Quantity | Rate | Total Amount | H V UNKARAPPA | | C HALAPPA | |
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| | | | | | | Quoted Rate | Total Amount | Quoted Rate | Total Amount |
| 26 | KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. -do- with primer P.No.120 It No.15.53.2 | Sqm | 585.45 | 110.16 | 64493.17 | 115.66 | 67713.15 | 117.32 | 68684.99 |
| 27 | KSRB 13-11.1: Over Head Synthetic Tanks - Providing, Placing on Terrace, Polyethylene storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diametre for inlet,outlet and over flwo pipes including cost of all materials, labour, transport charges, HOM of euipments and testing complete as per specifications for 2000 Litres Capcity including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. BCSR Item No 13.78, Page No .94 | Nos | 2.00 | 7374.24 | 14748.48 | 7742.21 | 15484.42 | 7853.57 | 15707.14 |
| 28 | Spun pole 9/11.0 mtr long | No | 7.00 | 2503.00 | 17521.00 | 2627.90 | 18395.30 | 2665.70 | 18659.90 |
| 29 | Spun pole 9/11.0 mtr long | No | 7.00 | 16850.00 | 117950.00 | 17690.82 | 123835.74 | 17945.25 | 125616.75 |
| 30 | Single pole structure kit | Set | 2.00 | 2236.00 | 4472.00 | 2347.58 | 4695.16 | 2381.34 | 4762.68 |
| 31 | Single pole structure kit | Set | 2.00 | 26734.00 | 53468.00 | 28068.03 | 56136.06 | 28471.71 | 56943.42 |
| 32 | 11kV Horizontal X Arms - Galvanised Iron (GI) | Set | 9.00 | 106.00 | 954.00 | 111.29 | 1001.61 | 112.89 | 1016.01 |
| 33 | 11kV Horizontal X Arms - Galvanised Iron (GI) | Set | 9.00 | 333.00 | 2997.00 | 349.62 | 3146.58 | 354.65 | 3191.85 |
| 34 | 11kV, 5KN Composite/Polymeric Pin Insulator (24mm dia FRP Rod) | No | 21.00 | 180.00 | 3780.00 | 188.98 | 3968.58 | 191.70 | 4025.70 |
| 35 | 45kN Disc Insulators | Nos | 18.00 | 301.00 | 5418.00 | 316.02 | 5688.36 | 320.57 | 5770.26 |
| 36 | Pole Base concreting 1:4:8, 1000x1000x150mm | Each | 7.00 | 730.00 | 5110.00 | 766.43 | 5365.01 | 777.45 | 5442.15 |
| 37 | Pole Base concreting 1:2:4, 1000x1000x2500 mm | Each | 7.00 | 12177.00 | 85239.00 | 12784.63 | 89492.41 | 12968.51 | 90779.57 |
| 38 | Coping 1:2:4 (as per actuals) | Each | 7.00 | 1930.00 | 13510.00 | 2026.31 | 14184.17 | 2055.45 | 14388.15 |
| 39 | GI wire 10 SWG | Kg | 35.00 | 66.78 | 2337.30 | 70.11 | 2453.85 | 71.12 | 2489.20 |
| 40 | Guy wire 7/10 SWG | Kg | 70.00 | 65.14 | 4559.80 | 68.39 | 4787.30 | 69.37 | 4855.90 |
| 41 | PVC Pipe 150 mm dia | Mtrs | 140.00 | 267.00 | 37380.00 | 280.32 | 39244.80 | 284.36 | 39810.40 |
| 42 | PVC bend 150 mm dia | No | 140.00 | 183.00 | 25620.00 | 192.13 | 26898.20 | 194.90 | 27286.00 |
| 43 | PVC pipe (25mm dia) | Mtrs | 140.00 | 25.00 | 3500.00 | 26.25 | 3675.00 | 26.63 | 3728.20 |
| 44 | GOS 200A S/B | Set | 2.00 | 700.00 | 1400.00 | 734.93 | 1469.86 | 745.50 | 1491.00 |
| 45 | GOS 200A S/B | Set | 2.00 | 7799.00 | 15598.00 | 8188.17 | 16376.34 | 8305.94 | 16611.88 |
| 46 | H Frame Set for GOS | Set | 2.00 | 210.00 | 420.00 | 220.48 | 440.96 | 223.65 | 447.30 |
| 47 | H Frame Set for GOS | Set | 2.00 | 3724.00 | 7448.00 | 3909.83 | 7819.66 | 3966.06 | 7932.12 |
| 48 | 9KV 5kA LA Metal Oxide Ceramic type with GROUND DISCONNECTOR | Set | 2.00 | 78.00 | 156.00 | 81.89 | 163.78 | 83.07 | 166.14 |
| 49 | 9KV 5kA LA Metal Oxide Ceramic type with GROUND DISCONNECTOR | Set | 2.00 | 2358.00 | 4716.00 | 2475.66 | 4951.32 | 2511.27 | 5022.54 |
| 50 | 11kV Class, HG Fuse Unit with Solid Core Insulators | Set | 2.00 | 155.00 | 310.00 | 162.73 | 325.46 | 165.08 | 330.16 |
| 51 | 11kV Class, HG Fuse Unit with Solid Core Insulators | Set | 2.00 | 882.00 | 1764.00 | 926.01 | 1852.02 | 939.33 | 1878.66 |
| 52 | Earthing materials pipe type for grounding as per Drawing No. BESCOM/GM/CP/15 & 34/Dt: 24.10.07. | Set | 21.00 | 503.00 | 10563.00 | 528.10 | 11090.10 | 535.70 | 11249.70 |
| 53 | Earthing materials pipe type for grounding as per Drawing No. BESCOM/GM/CP/15 & 34/Dt: 24.10.07. | Set | 21.00 | 1501.00 | 31521.00 | 1575.90 | 33093.90 | 1598.57 | 33569.97 |
| 54 | Caution/Danger board. | No | 2.00 | 53.00 | 106.00 | 55.64 | 111.28 | 56.45 | 112.90 |
| 55 | Caution/Danger board. | No | 2.00 | 146.00 | 292.00 | 153.29 | 306.58 | 155.49 | 310.98 |
| 56 | Alkathene tube 19mm dia and in coils | Coil | 14.00 | 458.00 | 6412.00 | 480.85 | 6731.90 | 487.77 | 6828.78 |
| 57 | Anti Climbing Device (12mtrs/1Kg GI Barbed Wire)Lumpsum | Kg | 7.00 | 28.00 | 196.00 | 29.40 | 205.80 | 29.82 | 208.74 |
| 58 | Anti Climbing Device (12mtrs/1Kg GI Barbed Wire)Lumpsum | Kg | 7.00 | 76.00 | 532.00 | 79.79 | 558.53 | 80.94 | 566.58 |
| 59 | Rabbit conductor for Jumps | Km | 0.88 | 2869.00 | 2524.72 | 3012.16 | 2650.70 | 3055.49 | 2688.83 |
| 60 | Rabbit conductor for Jumps | Km | 0.88 | 36497.00 | 32117.36 | 38318.20 | 33720.02 | 38869.31 | 34204.99 |

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| 61 | Flat form of size as per item No:4, with labour | No | 1.00 | 26401.00 | 26401.00 | 27718.41 | 27718.41 | 28117.07 | 28117.07 |
| 62 | Distribution Transformers 63kVA - 3 Phase, 11kV/433V - Amorphous Core with Oil 134A. OPEN BUSHING TYPE BEE 5 Star Rated/Energy Efficient. | No | 1.00 | 750.00 | 750.00 | 787.42 | 787.42 | 798.75 | 798.75 |
| 63 | Distribution Transformers 63kVA - 3 Phase, 11kV/433V - Amorphous Core with Oil 134A. OPEN BUSHING TYPE BEE 5 Star Rated/Energy Efficient. | No | 1.00 | 133930.00 | 133930.00 | 140613.11 | 140613.11 | 142635.45 | 142635.45 |
| 64 | LT Distribution box for 63 kVA TC | No | 2.00 | 501.00 | 1002.00 | 526.00 | 1052.00 | 533.57 | 1067.14 |
| 65 | LT Distribution box for 63 kVA TC | No | 2.00 | 17545.00 | 35090.00 | 18420.50 | 36841.00 | 18685.43 | 37370.86 |
| 66 | Al Lead Wire - 240 Sqmm | No | 110.00 | 19.85 | 2183.50 | 20.84 | 2292.40 | 21.14 | 2325.40 |
| 67 | Copper lugs - 240 Sqmm | No | 16.00 | 244.00 | 3904.00 | 256.18 | 4098.88 | 259.86 | 4157.76 |
| 68 | PG Clamps - Rabbit to 240 Sqmm | No | 4.00 | 316.00 | 1264.00 | 331.77 | 1327.08 | 336.54 | 1346.16 |
| 69 | Spacers for DTC Wiring | No | 8.00 | 41.00 | 328.00 | 43.05 | 344.40 | 43.67 | 349.36 |
| 70 | Fish plate | No | 2.00 | 54.00 | 108.00 | 56.69 | 113.38 | 57.51 | 115.02 |
| 71 | 1.1 KV Class, armoured type LT UG Cable 95Sqmm | Km | 0.15 | 20563.00 | 3084.45 | 21589.09 | 3238.36 | 21899.60 | 3284.94 |
| 72 | 1.1 KV Class, armoured type LT UG Cable 95Sqmm | Km | 0.15 | 335046.00 | 50256.90 | 351764.80 | 52764.72 | 356823.99 | 53523.60 |
| 73 | Rabbit conductor for Jumps | Km | 0.03 | 2869.00 | 86.07 | 3012.16 | 90.36 | 3055.49 | 91.66 |
| 74 | Rabbit conductor for Jumps | Km | 0.03 | 36497.00 | 1094.91 | 38318.20 | 1149.55 | 38869.31 | 1166.08 |
| 75 | LT Electronic Tri - Vector Meter 5A, Class-0.5 accuracy | No | 1.00 | 2061.00 | 2061.00 | 2163.84 | 2163.84 | 2194.97 | 2194.97 |
| 76 | LT Three phase Four Wire 5-30A Thread through type composite Meter Housing Box consisting of ETV Meter with AMR comply and LTCT with built in GSM/GPRS modem (as per technical specification ) upto 100kVA Distribution Transformer. | No | 1.00 | 1260.00 | 1260.00 | 1322.87 | 1322.87 | 1341.90 | 1341.90 |
| 77 | LT Three phase Four Wire 5-30A Thread through type composite Meter Housing Box consisting of ETV Meter with AMR comply and LTCT with built in GSM/GPRS modem (as per technical specification ) upto 100kVA Distribution Transformer. | No | 1.00 | 17529.00 | 17529.00 | 18403.70 | 18403.70 | 18668.39 | 18668.39 |
| 78 | Earthing materials pipe type for grounding as per Drawing No. BESCOM/GM/CP/15 & 34/Dt: 24.10.07. | Set | 6.00 | 503.00 | 3018.00 | 528.10 | 3168.60 | 535.70 | 3214.20 |
| 79 | Earthing materials pipe type for grounding as per Drawing No. BESCOM/GM/CP/15 & 34/Dt: 24.10.07. | Set | 6.00 | 1501.00 | 9006.00 | 1575.90 | 9455.40 | 1598.57 | 9591.42 |
| 80 | supplying heavy gauge pvc conduit pipe... dia confirming to IS 2509 with suitable size benda. Junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering dameged portion using havey gauge saddles at an intereval of 70mm using NF screws (ELE SR 2019-20 Page-2, Item-1.1.2) | mtr | 168.00 | 65.00 | 10920.00 | 68.24 | 11464.32 | 69.23 | 11630.64 |
| 81 | Suppling... mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc..., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.(ELE SR 2019-20 Page-2, Item-1.2.2) | mtr | 168.00 | 53.00 | 8904.00 | 55.64 | 9347.52 | 56.45 | 9483.60 |
| 82 | Groove cutting in the wall suppling. Dia 2mm/2.5mm thick heavy gauge PVC Conduit pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary.(ELE SR 2019-20 Page-2, Item-1.3.2) | mtr | 138.00 | 54.00 | 7452.00 | 56.69 | 7823.22 | 57.51 | 7936.38 |

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| SNo | Item Name | Unit | Estimate Quantity | Estimate Rate | Total Amount | H V ONKARAPPA | | C HALAPPA | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Quoted Rate | Total Amount | Quoted Rate | Total Amount |
| 83 | Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc.,.(ELE SR 2019-20 Page-2, Item-1.4.5) | Each | 18.00 | 111.00 | 1998.00 | 116.54 | 2097.72 | 118.22 | 2127.96 |
| 84 | supplying and fixing PVC/ Metal conduit accessories. (3/5) (ELE SR 2019-20 Page-3, Item-1.5.3) | Each | 6.00 | 60.00 | 360.00 | 62.99 | 377.94 | 63.90 | 383.40 |
| 85 | Suppling and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complet. (ELE SR 2019-20 Page-3, Item-1.6.1-1.6.8) | mtr | 60.00 | 102.00 | 6120.00 | 107.09 | 6425.40 | 108.63 | 6517.80 |
| 86 | Suppling and wiring adopting loop system in existing PVC Conduit/ casting capping using copper PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box. The outher end of the wires shall be terminated with sufficient loose lenght in a wood / PVC round block. compelete for each outlet. (ELE SR 2019-20 Page-5, Item-2.1.2) | Each | 12.00 | 275.00 | 3300.00 | 288.72 | 3464.64 | 292.88 | 3514.56 |
| 87 | Suppling and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos, of machines screws, bolts nuts etc., complete on the existing metal/PVC box,ELE SR 2019-20 Page-9, Item-3.5.3) | No | 30.00 | 175.00 | 5250.00 | 183.73 | 5511.90 | 186.38 | 5591.40 |
| 88 | Supplying and fixing of 32 Amps security and energy saving DP switch with key tag suitable to operate on 230 volts, 50Hz AC supply and completely wired on existing box. ELE SR 2019-20 Page-10, Item-3.7) | Each | 12.00 | 680.00 | 8160.00 | 713.93 | 8567.16 | 724.20 | 8690.40 |
| 89 | Wiring for lighting/power circuit using one of pvc insulated 1100v grade, multistrand copper conductor singal core cable in open or concealed system of wiring.ELE SR 2019-20 Page-5, Item-2.3.1-2.3.7) | mtr | 516.00 | 20.50 | 10578.00 | 21.52 | 11104.32 | 21.83 | 11264.28 |
| 90 | Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm... Etc as required. ELE SR 2019-20 Page-3, Item-1.8.1) | Each | 90.00 | 22.00 | 1980.00 | 23.10 | 2079.00 | 23.43 | 2108.70 |
| 91 | Supplying PVC/GI Flexible conduit pipe.. Mm dia fixing on surface over inverted wooden pugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pie terminated completely. ELE SR 2019-20 Page-3, Item-1.9.1) | Each | 96.00 | 22.00 | 2112.00 | 23.10 | 2217.60 | 23.43 | 2249.28 |
| 92 | Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws.. ELE SR 2019-20 Page-10, Item-3.10.2) | Each | 96.00 | 11.00 | 1056.00 | 11.55 | 1108.80 | 11.72 | 1125.12 |
| 93 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.99, I.No. 13.86.2 of PWD SR 2018-19) | Rmt | 100.00 | 242.05 | 24205.00 | 254.13 | 25413.00 | 257.78 | 25778.00 |
| 94 | Industrial Washing Machine 100 Kg's with control panel (Model Id: NEIH100) Made out of S.S, Rotating Drum Dia/Lt.mm : 900/1250.Washing Speed in Rpm:38, Motor Power In Hp.3 Loading Type: Side-Top. Drive System: Belt. Type of Material: S.S 304. Operating System: Electrical. Heater: 18KW(Optional) (Approved Data Rate) | Each | 1.00 | 1398690.00 | 1398690.00 | 1468484.63 | 1468484.63 | 1489604.85 | 1489604.85 |

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| SNo | Item Name | Unit | Estimate Quantity | Estimate Rate | Total Amount | H V ONKARAPPA | | C HALAPPA | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Quoted Rate | Total Amount | Quoted Rate | Total Amount |
| 95 | Hydro Extractor 100Kg's (Model Id : NEI30) Made out of M.S & S.S Rotating Drum Dia/Ht:750/350mm , Extraction speed in Rpm:1000, Motor Power in HP:5 Drive system: Belt Type of Material: S.S 304, Brake System: Leg Brake(Manual), Operating System: Electrical. (Approved Data Rate) | Each | 1.00 | 1475610.00 | 1475610.00 | 1549242.94 | 1549242.94 | 1571524.65 | 1571524.65 |
| 96 | Tumble Dryer 100Kg's (Model Id : NEIT100)Made out of M.S & S.S Rotating, Drum Dia/Ht:1000/1300mm , Rotation speed in Rpm:38, Motor Power in HP:2, Blower Power in Hp: 1, Drive system: Belt ,Operating System: Electrical, Heater: 18KW. (Approved Data Rate) | Each | 1.00 | 1361510.00 | 1361510.00 | 1429449.35 | 1429449.35 | 1450008.15 | 1450008.15 |
| 97 | RECTANGULAR TABLES WITH BOILER for Ironing URANO '98 FOR CURTAINS 295 80: Rectangular ironing board, heated surface with vacuum suction, with two 0.5 hp aspirators. and with a unique suction pedal. The table is the result of the union of the URANO '98 URANO '98 MAXI floors | Each | 1.00 | 375750.00 | 375750.00 | 394499.92 | 394499.92 | 400173.75 | 400173.75 |
| | Total Summary Amount | | | | 9197737.72 | | 9656706.02 | | 9795606.26 |
| | % against Estimated Rate | | | | | | 4.99 | | 6.50 |
| | Total Bid Amount | | | | | 9656706.02 (L1) | | 9795606.26 (L2) | |

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Project Division
Yelahanka Zone
BBMP, Bangalore-92

6/2/2020

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